

Solar Working Group Bios

KAI ABELKIS

Kai Abelkis is the Sustainability Coordinator for Boulder Community Hospital. In the belief that human health is tied to the health of our environment, BCH is one of the leading healthcare organizations integrating sustainability measures into every aspect of their operations. Recognized as one of the greenest hospitals in the nation, BCH has had a major influence on the healthcare industries adoption of sustainability practices. The Foothills Campus was the first LEED certified hospital in the world and was the first healthcare facility to install solar panels in the nation.

GALEN BROWN

BILL ELLARD

Bill is the president and CEO of Energy Solutions Partners. Originally trained in statistics, econometrics, environmental and energy economics, Bill has specialized in the natural systems inherent in complex data. Developed professional software architecture in the fields of economics and finance, with large projects in econometric data modeling and proprietary capital asset pricing models. During his professional career, Bill was a capital asset portfolio manager, Financial analyst, IT director, and a SAP software consultant, developing software for clients such as: SourceGas utility, StorageTek, Deluxe video, Electrogas, AT&T, Lucent, Hewlett Packard, NBC, GE and Universal Studios.

Bill's current focus is in energy economics, data modeling and software design for municipalities, and utilities. Bill's most recent work has focused on the electricity markets, with the resulting financial models showing significant opportunities for municipalities moving to distributed generation and micro-grid systems using natural gas/bio-fuel generation, solar and smart grid software. Bill has a degree in economics from the university of Delaware, and received a full graduate scholarship in statistics, computer modeling from Syracuse university.

Bill is also part of a new startup called Energyworx USA, a smart-grid, DSM, big data software company, to be located here in Boulder, CO. Bill will be the CTO and business development manager.

SCOTT FRANKLIN

KEN GAMAUF

Ken Gamauf is a retired electrical engineer with a strong interest in clean energy systems and smart grid. Ken has a solar PV system install on his house and is investigating ways to monitor and conserve energy usage with smart grid and battery backup. Ken has a MSEE and a MBA from the University of Colorado in Boulder.

ANN GUILFOILE

JIM HARTMAN

Jim Hartman is the Manager of Hartman Ely Investments (HEI), www.hartmanelyinvestments.com. Jim has been one of Colorado's leading urban redevelopment and energy specialists for the past 33 years.

Some of Jim's most notable architectural and development work is the planning and implementation of several urban infill and renewable energy developments in the Lowry Community, an internationally acclaimed redevelopment of approximately 1,800 acres created from the decommissioned Lowry Air Force Base in Denver.

Since late 2007, Jim and HEI have expanded their focus on renewable energy and energy efficiency. Those efforts include several large community solar projects across the US for the Clean Energy Collective, a 1 Megawatt solar power plant for the City of Boulder's Wastewater Treatment Facility, and several additional HEI-owned solar power facilities in Colorado.

Mr. Hartman has also provided volunteer services to several community programs:

- Steering Committee Member of Renewables Yes.
- Neighborhood Coordinator for East Chautauqua in RTD's Neighborhood Eco Pass (NECO) program.
- Member of the Lowry Design Review Committee.
- President of the Lowry Foundation.
- Co-Program Manager for the Lowry Energy Initiative.

DAVE HATCHIMONJI

Dave Hatchimonji is Boulder County's EnergySmart Residential Program Manager. Beginning in mid-2010, and collaborating with Boulder, Longmont, and County staff, contracted program administrators, and utility partners, this energy advisor based service has enrolled over 11,000 Boulder County households, and placed each of them on the path to making their homes more energy efficient, comfortable and safe. In this capacity, Dave has worked on a number of diverse topics, including; seeking Solar Friendly Community recognition for Boulder County from the Colorado Solar Energy Industries Association, overseeing data and privacy matters for the County before the Public Utilities Commission, and coordinating energy efficient upgrade procedures for historically significant properties. Prior to EnergySmart, Dave was the Energy Sweeps coordinator for the county's low income weatherization division, Longs Peak Energy Conservation. He came to this junction of his life from careers in the ski industry, outdoor education, and construction. Dave is a member of the Lyons Sustainable Futures Commission, Affordable Housing working group, and holds a B.A. in Environmental Studies and a Masters in Business Administration.

JOHN E. JOHNSON

John Johnson is a Senior Solar Power Consultant for Real Goods Solar, Inc. My first job after graduating from Clemson University was with the Carolina Campaign for the Environment. Since then, I attended graduate school in Community Psychology at Georgia State University, worked in Washington, D.C. for the Center for National Policy, and started a distinguished career in technology and business development. As an avid outdoors enthusiast, Boulder was my obvious choice to settle down in the new millennium. I bring my passion for the sustainability movement and 20 years of business and government experience to renewable energy. With over 6 years of experience in the renewables industry, I have proven track record of consultation and educational success.

DAN KRAMER

MATT LEHRMAN

PAUL MELAMED

Paul Melamed has over thirty years experience with solar energy. He was the founder and President of High Country Sun, Inc. one of Colorado's first solar contracting companies (1976-1979). In 1979 he merged with Novan Energy, Inc., a Boulder company that became one of the largest U.S. manufacturers of solar thermal systems. He was part of the executive team that took the company from start up through IPO and seven years of continuous growth, until the expiration of the solar energy tax credits in 1986. Initially, as General Manager/V.P., he was responsible for setting up one of the largest solar distribution companies in the western U.S. Then as V.P. of Operations, he successfully transformed the procurement, manufacturing and logistics operations into efficient profit generating organizations. His experiences as V.P. of Operations for Novan lead to his career in high tech and software businesses focused on operations and business management. Mr. Melamed returned to the solar industry in 2005. From 2005-2007, as Director of Real Goods Solar, he created one of the largest Solar PV design and sales companies in Colorado. After retiring from Real Goods Solar, Mr. Melamed formed VisionSun Design, LLC, a solar energy-consulting firm whose sole focus was to work with housing authorities to help bring solar energy to low-income affordable housing. He guided Boulder Housing Partners (the Housing Authority for Boulder, CO.) in their procurement and installation of 600kW of solar PV systems. Mr. Melamed is also one of the first off-the-grid solar and wind system users in the country (1980) and still uses the system today. In March 2009, Mr. Melamed was elected to the Board of Directors of CoSEIA (Colorado Solar Energy Industry Association) for a one year term. In 2013, Mr. Melamed was elected to the Board of Directors of Grid Alternative Colorado, a non-profit organization bringing solar PV to low income home owners.

CHAD PARSONS

PUNEET PASRICH

Puneet Pasrich is a program manager in Colorado State University's Energy Institute. His focus is within the electrical grid research and education program. Puneet has a background in engineering, R&D, and analytics. With a Master's degree in Electrical Engineering as well as 15 years of experience as a practicing engineer, he focuses his efforts on accelerating the transformation of the electric power sector and systems optimization to serve society's 21st century needs.

Puneet's areas of expertise include optimal renewable energy siting, integration of renewable and distributed generation, energy storage, integrated resource planning, transmission planning and rate design, smart grid applications, and project management. He has performed in-depth analysis in the following fields: electricity energy and ancillary service markets, unit commitment strategies, transmission tariffs, plug-in hybrid vehicles, demand side management, and automated energy monitoring. He was the lead editor & co-author of a Smart Grid overview and recommendations white paper to the Colorado Governor's Smart Grid task force. He has given invited talks at international conferences as well authored peer-reviewed papers.

KEN REGELSON

Ken is the founder of EnergyShouldBe.org – a non-profit that uses short, clear, credible videos to move people from vision to action on energy. These videos have been viewed more than 18,000 times. He is an energy analyst, frequent public speaker, video content creator, and an energy future policy advocate. As a key volunteer for RenewablesYES.org and EmpowerOurFuture.org he has been successful in many political campaigns to move Boulder's electricity system to a future worth having and far less reliant on fossils. Ken has a Masters in Electrical Engineering from Stevens Institute.

TIM SCHOECHLE

LYNN SEGAL

KELLY SIMMONS

Kelly Simmons has been the manager of the Sustainable Practices Program, a certificate granting professional development program of the Environmental Center at the University of Colorado Boulder, since 2010. She also teaches a Permaculture Design course for the University's Environmental Studies Department. Prior to working for the university, Kelly was living and teaching at Green School, an award winning K-12 international school in Bali, Indonesia where she designed and taught a sustainability curriculum for grades 1-8. Kelly has a BA in Environmental Studies from the University of California Santa Cruz and a Master's in Education with Honors from Regis University. She also holds a Permaculture Design Diploma in Education and a Sustainability Management certificate from CU. Kelly was the founding director of the former Boulder Sustainability Education Center, and teaches a variety of sustainable living skills and permaculture design courses across Colorado in her spare time. She currently serves on the City of Boulder's Solar Grants Committee, representing affordable homeowners, and has served on the BVSD Sustainability Curriculum Task Force.

SCOTT E. STEVENSON

TODD STEWART

Mr. Stewart is the Business Development and Finance Director for Solar Power Financial (SPF), a commercial and utility-scale solar PV developer active in Colorado and other US markets. Prior to SPF, Mr. Stewart was the Senior Vice President of Fund Development and Distribution for Qualified Investment Fund Services in Denver, CO, and directed the investment of over \$12M of private investors. An active Boulder entrepreneur since graduation from CU Boulder in 1990 with a BS in Small Business/Entrepreneurship, Mr. Stewart has founded and run several green businesses. He was a partner with Straw Crafters, an environmental design/build firm completing 14 custom homes in Colorado with Straw Bale wall systems. He co-founded Planetary Solutions, a Boulder environmental home and building products supply company as his first venture out of college. Mr. Stewart brings a lifetime of business driven, environmental activism to his work.

JOHN STREET

John Street has 17 years of professional experience: 10 years broadly in energy and seven years specifically in solar. John has held senior roles in project finance and project development for solar companies since 2007. John started his career working in the oil patch for a membrane technology company that separated carbon dioxide from natural gas streams. Getting a close look at the oil and gas industry was the impetus to switch to renewables. His career highlight was the development of

the 30MW Webberville solar project that was commissioned in 2011. John has an MBA from Georgetown University and a Bachelors of Science in Mechanical Engineering from the University of Colorado.

PHIL WARDWELL

Nathaniel ("Phil") Wardwell is a retired environmental attorney, admitted to the bar in New York (inactive) and New Mexico. Phil served for 4 ½ years in the U.S. Army Judge Advocate General's Corps, and worked for 23 years for the New York State Department of Environmental Conservation. He then worked approximate 1 1/2 years for the New Mexico Environment Department, and for 11 years for Los Alamos National Laboratory. Phil is a graduate of Harvard College and the University of Pennsylvania Law School.

R.T. WEBER

R.T. Weber is Vice President, International Business Development at Quanta Power Generation, Inc. based in Denver. He has over 19 years of experience in various engineering, R&D, management, and business development functions. He has a proven track record of driving solar PV business domestically and overseas for Quanta's utility-scale EPC business line, and holds Bachelor of Science Degrees in Electrical Engineering and Engineering Physics from Lehigh University.

JASON WIENER

Jason joined Namaste Solar as a Co-Owner and the General Counsel in May 2009 following a previous life at a large litigation firm in New York City, and before that, at a small firm in Boston. Jason advises the Board, and counsels and serves on the company's Strategic, HR, Commercial Services, Finance and Policy Teams. He has drafted, negotiated and helped close residential, commercial, operations and maintenance, and consulting contracts for over 15 megawatts of DG solar PV systems. Jason helped lead Namaste Solar's conversion to an employee-owned cooperative in late 2010. Jason is a past Board President of the Colorado Solar Energy Industries Association. Jason is a 2013 winner of the Denver Business Journal's "*Best Corporate Counsel*" award and has been profiled in the Suffolk Alumni Magazine and Colorado Law Weekly. His hobbies include mountain biking, coffee, cooking and traveling, preferably all at the same time.

Jason holds a B.S. from Cornell University's School of Industrial and Labor Relations and a J.D. cum laude from Suffolk University Law School, where he received honors with a concentration in international law. Jason has published more than 6 scholarly law review articles on international, human rights and renewable energy topics and speaks regularly about Namaste Solar's unique employee-owned cooperative business model as well as DG solar PV policy and legal issues. Jason is an adjunct professor in CSU's Global Sustainability and Social Enterprise program, where he teaches an MBA course on business law and ethics.